



Supplemental Figure 2. miR-214 regulates Hh signaling. (A-B) *ptc1* (blue) expression in UIC (A) and 214^{MO} injected (B) flat-mounted embryos. Images acquired with a Zeiss Axioplan microscope using a 10X objective, an AxioCam digital camera, and Axiovision Software (A-B) Detection of Slow MyosinHC (green) and Prox1 positive nuclei (red) in twenty somite stage embryos by immunohistochemistry using a Zeiss LSM510 Meta laser scanning confocal microscope. NIH ImageJ software was used to generate Z-projections with contrast adjusted in Photoshop. UIC (C), 214^{MO} morphants (D), *shh* mRNA injected (E), and 214^{MO} *shh* mRNA co-injected (F). (G-H) Expression of *nkx2.2a* in UIC (G) and *miR-214* injected (H). (I-J) Expression of *ptc1* in UIC (I) and *miR-214* injected embryos (J).